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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,124	03/23/2004	Shohei Fujisawa	119215	2124
25944	7590	06/29/2005		
OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320			EXAMINER BLACKMAN, ROCHELLE ANN J	
			ART UNIT 2851	PAPER NUMBER

DATE MAILED: 06/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

<b>Office Action Summary</b>	<b>Application No.</b> 10/806,124	<b>Applicant(s)</b> FUJISAWA ET AL.	
	<b>Examiner</b> Rochelle Blackman	<b>Art Unit</b> 2851	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 August 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>9/22/04 &amp; 3/4/05</u> | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

Claim 1 is objected to because of the following informalities: on line 15 of the claim, the second recited "diameter" should be - internal diameter- -, as it recited in claim 2. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being anticipated by JP Patent No. 3004793.

Regarding claims 1 and 2, JP Patent '793 discloses a projector (see Drawing 3) comprising: light source device (see 103 of Drawing 3); an optical modulator (see 105 of Drawing 3) that modulates a light beam irradiated by the light source device in accordance with image information to form an optical image; a projection optical device (see 106 of Drawing 3) that projects the optical image formed by the optical modulator in an enlarged manner, wherein the light source device comprises: a light-emitting tube (see 1 of Drawing 1) including a light-emitting portion (also see 1 of Drawing 1) that generates a light beam by an electric discharge between electrodes (see 2a and 2b of

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Drawing 1), and sealing portions (see location of 3a and 3b in Drawing 1) provided on both sides of the light-emitting portion; and a reflector (see 8 of Drawing 1) including a neck portion (see area of "reflector" 8 near element 7 in Drawing 1) provided with an insertion hole (see 7 of Drawing 1) to which the light-emitting tube is inserted, and a reflecting portion (also see 8 of Drawing 1) integrally formed with the neck portion and having an ellipsoidal curved reflecting surface (see shape of the reflection surface of "reflector" 8 in Drawing 1) that irradiates the light beam emitted by the light-emitting portion and aligns the light beam in a predetermined direction, wherein the light-emitting tube has a sub-reflection mirror (see 4 of Drawing 1) that covers substantially front half of the light-emitting portion ("sub-reflection mirror" 4 is considered to "substantially" cover the front half of "light-emitting portion" 1 in Drawing 1), wherein the insertion hole has a diameter that is enlarged from the base end thereof toward the distal end in a light irradiation direction (see the diameter of "insertion hole" 7 in Drawing 1), and wherein the opening diameter of the insertion hole (see diameter of "insertion hole" 7 closest to "electrode" 2b in Drawing 1) on the side of the reflecting surface is greater than the external diameter of the sub-reflection mirror (see diameter of "sub-reflection mirror" 4 in Drawing 1) while the opening diameter is within the internal diameter of a valid reflection area of the reflector, the internal diameter being defined by a front focal position of the reflector and the outer periphery of the sub-reflection mirror (see location of the above-described "opening diameter" relative to the internal diameter inside "reflector" 8 in Drawing 1).

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rochelle Blackman whose telephone number is (571) 272-2113. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RB



**JUDY NGUYEN**  
**SUPERVISORY PATENT EXAMINER**